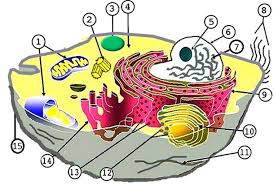
**Cell Structure & Function Quiz Study Guide** Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ # \_\_\_\_\_

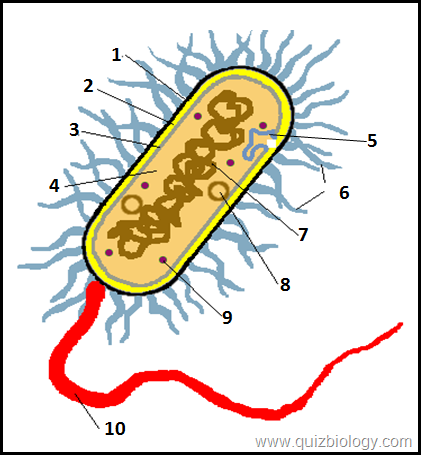
Part 1: Label the 3 Cells below, including the **type of cell** and the **organelles**. Know the **function** of the organelles.

**Cell A**:



1. This is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cell.
2. Prokaryotic or eukaryotic?
3. Identify these structures and give their function: (omit #11)
   1. Mitochondria
   2. Smooth ER
   3. Rough ER
   4. Lysosome
   5. Centriole
   6. Golgi apparatus
   7. Cytosol
   8. Ribosome
   9. Cell (plasma) membrane
   10. Nucleus
   11. Chromosomes/Chromatin (DNA)
   12. Nucleolus
   13. Cilia (\*not all cells have these)

**Cell 2:**



1. This is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cell.
2. Prokaryotic or eukaryotic?
3. Identify these structures and give their function:

\**Structure #1 is a capsule. It is OUTSIDE of the wall.*

Structures:

2-

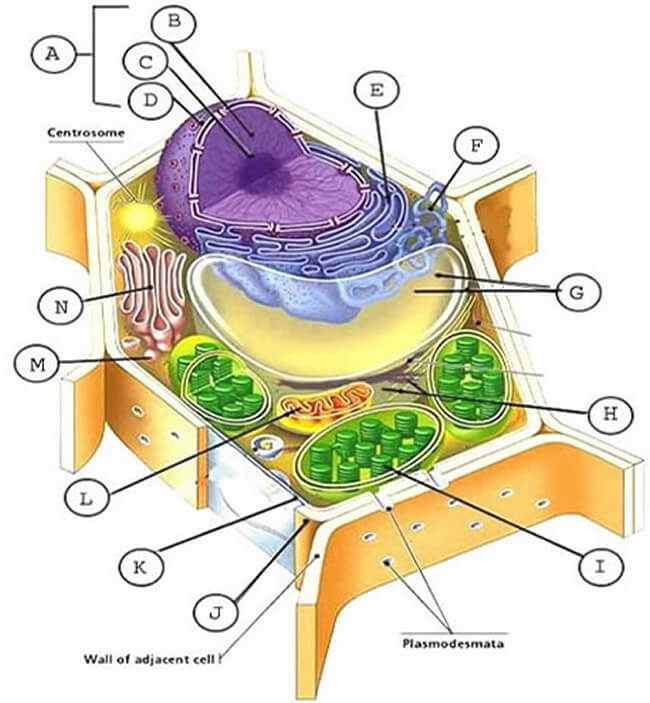
3-

7-

9-

10-

**Cell 3:**



1.This is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ cell.

2.Prokaryotic or eukaryotic?

3.Identify these structures and give their functions:

*\*Although ribosomes are not clearly shown, they are there! Also, note the labeled Plasmodesmata. What does it do?*

A (B, C, D)-

E-

G-

I-

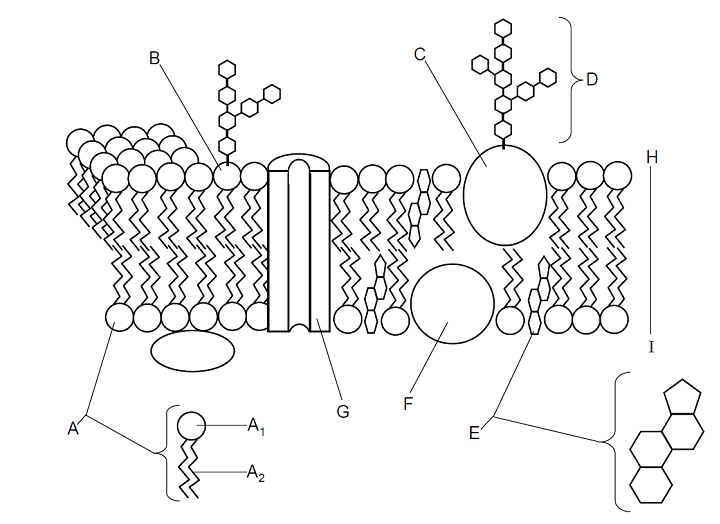
L-

N-

K-

J-

**Part II- Cell/Plasma Membrane**



Label and know function of:

A (A1 & A2)-

C & F-

D-

E-

G-

***Make sure you also go over the Power Point. This review sheet is not all inclusive.***